

Abstract

A carcass ply producing apparatus for producing a carcass ply constituting a carcass layer of a tire comprises

a supply head for supplying one or a plurality of ply cords, a head driving mechanism for reciprocating the supply head along a widthwise direction of the carcass ply, a sticking body having a sticking surface to which the ply cord supplied by the supply head is stuck, a sticking body driving mechanism for moving the sticking surface of the sticking body along a longitudinal direction of the carcass ply, and a moving amount controlling mechanism capable of controlling a moving amount of the sticking surface with respect to a moving amount of the supply head, wherein when the ply cord is supplied along the widthwise direction of the carcass ply, a disposition angle of the ply cord with respect to the longitudinal direction can be changed.

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Fig.11

20a Drum driving section

20b Head driving section

Fig.12

20a Conveyer driving section

20b Head driving section

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